



Contents of Volume 41

Number 1

- 1 New Attributes of Seat Dip Attenuation
W. J. DAVIES & Y. W. LAM (UK)
- 25 The Influence of Microphone Vents on the Performance of Sound Intensity Probes
F. JACOBSEN & E. S. OLSEN (Denmark)
- 47 Facade Effects on the Traffic Noise from the Expressway
C. H. CHEW & K. B. LIM (Singapore)
- 63 Numerical Studies of Actively Generated Quiet Zones
A. DAVID & S. J. ELLIOTT (UK)

Technical Note

- 81 Acoustical Mechanisms and Performance of Various Active Duct Noise Control Systems
S. M. KUO & J. TSAI (USA)
- 93 Announcements
- 96 Calendar

Number 2

- 97 Dispersion and Absorption of Structure-Borne Sound in Acoustically Thick Plates
J. H. RINDEL (Denmark)
- 113 Sound Field in a Room and Its Active Noise Control
D.-Y. MAA (China)
- 127 Simple Analysis of Exhaust Noise Produced by a Four Cylinder Engine
L. DESMONS & J. KERGMARD (France)
- 157 Assessing the Subjective Impact of Loudspeaker Response Errors
A. P. WATSON, K. ATTENBOROUGH & N. W. HEAP (UK)
- 169 Directional Guidance Method for the Blind Using Time Separation Pitch Discrimination of Triple Pulse Signals
M. G. CERUTI, D. W. MARTIN & R. W. FLOYD (USA)

Technical Notes

- 187 Surface Acoustic Wave Control of the Ion Concentration in Water
P. KOŠTIAL (Slovak Republic)
- 195 Gun-to-Noise Differences in the Dwelling Rooms Reverberation Time Measurement
M. MIJIĆ (Yugoslavia)
- 199 Announcements
- 201 Calendar

Number 3

- 203 The Effective Sound Reduction Index of a Panel Subjected to Non-Diffuse Excitation in a Disproportionate Room
M. A. ROWELL, D. J. OLDHAM & R. J. ORLOWSKI (UK)
- 229 Reconstruction of Blockage in a Duct from Single Spectrum
W. QUNLI (Singapore)
- 237 The Performance of Realisable Quadratic Residue Diffusers (QRDs)
T. J. COX & Y. W. LAM (UK)
- 247 Parametric Evaluation of Transmission Characteristics in Aircraft-Like Structures
V. L. WELLS & W. HUANG (USA)

Technical Notes

- 265 The Sound Absorption Characteristics of Particulate Porous Ceramic Materials
H. TAKAHARA (Japan)
- 275 A Study on the Acoustical Problem of Stereo Cinema
C. YANXUN (China)

World Acoustics

- 285 Research and Education in Physical Acoustics at the University of Mississippi, USA
H. E. BASS (USA)
- 295 Announcement
- 296 Calendar

Number 4

- 297 Foreword
- 299 Materials for High Temperature Acoustic and Vibration Sensors: A Review
R. C. TURNER, P. A. FUIERER, R. E. NEWNHAM & T. R. SHROUT (USA)
- 325 Composite Piezoelectric Materials for Transduction
R. Y. TING (USA)
- 337 The Modelling of Underwater, Electroacoustic, Sonar Transducers
B. V. SMITH (UK)
- 365 Gain Bandwidth Products for Capacitive Pressure Transducers
P. DARLINGTON (UK)
- 377 The Elasto-Plastic Response of Lateral Piezoresistance Gauges in Shock Wave Studies
Z. ROSENBERG (Israel) & N. S. BRAR (USA)

Book Review

- 387 *Probe Microphone Measurements: Hearing-aid selection and assessment.*
Singular Publishing Group, San Diego, California, USA
(Reviewed by Mark Lutman)
- 389 Calendar

